

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1206	IL-18 dendritic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/27 16:01
L2	1151	I1 preparation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/27 16:01
L3	39	I2 cd1a	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/27 16:01
L4	445	I1 hla dr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/27 16:01
L6	142	I1 hla-dr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/27 16:01
L7	17	I6 cd1a	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/27 16:02
L8	101	I6 cd86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/27 16:02
L9	16	I7 cd86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/27 16:02
L10	8	I9 hematopoietic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/27 16:02



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Query #7 deleted

- Search History will be lost after eight hours of inactivity.
- To combine searches use # before search number, e.g., #2 AND #6.
- Search numbers may not be continuous; all searches are represented.
- Click on query # to add to strategy

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**Search****Most Recent Queries****Time Result**[#18](#) Search **dendritic il-18 progenitor**16:14:46 [3](#)[#16](#) Search **dendritic il-18 stem**16:13:52 [6](#)[#15](#) Search **dendritic il-18**16:13:42 [150](#)[#13](#) Search **hematopoietic dendritic il-18**16:12:50 [5](#)[#3](#) Search **dendritic cell IL-18 cd86 dr**16:08:52 [4](#)[#2](#) Search **dendritic cell IL-18 cd86**16:08:45 [16](#)[#1](#) Search **dendritic cell IL-18**16:08:36 [119](#)[Write to the Help Desk](#)[NCBI](#) | [NLM](#) | [NIH](#)[Department of Health & Human Services](#)[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Mar 22 2006 06:32:05

was only detected in CD14+ -derived DC, whereas CD68 and factor XIIIa mRNAs were observed exclusively in CD14+ -derived DC. Semiquantitative reverse-transcriptase PCR analysis revealed that both DC subpopulations spontaneously expressed IL-1 $\alpha$ , IL-1 $\beta$ , IL-6, IL-7, IL-12 (p35 and p40), IL-15, IL-18, TNF- $\alpha$ , TGF- $\beta$ , macrophage CSF, and granulocyte-macrophage CSF, but not IL-2, IL-3, IL-4, IL-5, IL-9, and IFN- $\beta$  transcripts. Both subpopulations were shown to secrete IL-12 after CD40 triggering. Interestingly, only the CD14+ -derived DC secreted IL-10 after CD40 activation, strengthening the notion that the two DC subpopulations indeed represent two independent pathways of DC development. Furthermore, both DC subpopulations expressed IL-13 mRNA and protein following activation with PMA-ionomycin, but not with CD40 ligand, in contrast to IL-12 and IL-10, revealing the existence of different pathways for DC activation. Finally, we confirmed the expression of IL-7, IL-10, and IL-13 mRNA by CD4+CD11c+CD3- DC isolated ex vivo from tonsillar germinal centers. Thus, CD14+ -derived DC expressing IL-10 and factor XIIIa seemed more closely related to germinal center dendritic cells (GCDC) than to Langerhans cells.

CT Medical Descriptors:

\*dendritic cell  
protein expression  
protein determination  
cell subpopulation  
cell activation  
antigen presenting cell  
reverse transcription polymerase chain reaction  
human  
controlled study  
human cell  
article  
priority journal

Drug Descriptors:

\*cytokine: EC, endogenous compound  
cd68 antigen: EC, endogenous compound  
blood clotting factor 13a: EC, endogenous compound  
interleukin 1alpha: EC, endogenous compound  
interleukin 1beta: EC, endogenous compound  
interleukin 6: EC, endogenous compound  
interleukin 7: EC, endogenous compound  
interleukin 12: EC, endogenous compound  
interleukin 15  
tumor necrosis factor alpha: EC, endogenous compound  
transforming growth factor beta: EC, endogenous compound  
colony stimulating factor 1: EC, endogenous compound  
granulocyte macrophage colony stimulating factor receptor: EC, endogenous compound

RN (blood clotting factor 13a) 104641-95-4, 9067-75-8; (interleukin 12) 138415-13-1; (colony stimulating factor 1) 81627-83-0

=> d his full

(FILE 'HOME' ENTERED AT 16:51:56 ON 27 MAR 2006)

FILE 'EMBASE, MEDLINE, CAPLUS, BIOSIS, SCISEARCH, DISSABS, REGISTRY'  
ENTERED AT 16:54:10 ON 27 MAR 2006

L1	0	SEA	ABB=ON	PLU=ON	IL-18	MATURATION DENDRITIC CELL
L2	3	SEA	ABB=ON	PLU=ON	IL-18	DENDRITIC CELL
					D 1	L2 ALL
					D 2	L2 ALL
					D 3	L2 ALL
L3	3	SEA	ABB=ON	PLU=ON	IL-18	DENDRITIC CELL
L4	0	SEA	ABB=ON	PLU=ON	IL-18	CD34
L5	11798	SEA	ABB=ON	PLU=ON	IL-18	

L6 837 SEA ABB=ON PLU=ON L5 AND DENDRITIC  
L7 28 SEA ABB=ON PLU=ON L6 AND CD34  
L8 12 DUP REM L7 (16 DUPLICATES REMOVED)  
D L8 ALL  
D 2 L8 ALL  
D 1-12 L8 ALL

#### FILE HOME

#### FILE EMBASE

FILE COVERS 1974 TO 27 Mar 2006 (20060327/ED)

EMBASE has been reloaded. Enter HELP RLOAD for details.

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

#### FILE MEDLINE

FILE LAST UPDATED: 25 MAR 2006 (20060325/UP). FILE COVERS 1950 TO DATE.

On December 11, 2005, the 2006 MeSH terms were loaded.

The MEDLINE reload for 2006 is now (26 Feb.) available. For details on the 2006 reload, enter HELP RLOAD at an arrow prompt (=>). See also:

<http://www.nlm.nih.gov/mesh/>  
[http://www.nlm.nih.gov/pubs/techbull/nd04/nd04\\_mesh.html](http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html)  
[http://www.nlm.nih.gov/pubs/techbull/nd05/nd05\\_med\\_data\\_changes.html](http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html)  
[http://www.nlm.nih.gov/pubs/techbull/nd05/nd05\\_2006\\_MeSH.html](http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_2006_MeSH.html)

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for easy and accurate substance identification.

#### FILE CAPLUS

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FILE COVERS 1907 - 27 Mar 2006 VOL 144 ISS 14  
FILE LAST UPDATED: 26 Mar 2006 (20060326/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

#### FILE BIOSIS

FILE COVERS 1969 TO DATE.  
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 22 March 2006 (20060322/ED)

#### FILE SCISEARCH

FILE COVERS 1974 TO 24 Mar 2006 (20060324/ED)

SCISEARCH has been reloaded, see HELP RLOAD for details.

#### FILE DISSABS

FILE COVERS 1861 TO 27 MAR 2006 (20060327/ED)

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#### FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 26 MAR 2006 HIGHEST RN 878044-67-8  
DICTIONARY FILE UPDATES: 26 MAR 2006 HIGHEST RN 878044-67-8

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when  
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```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,  *
* effective March 20, 2005. A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
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Structure search iteration limits have been increased. See HELP SLIMITS  
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